

52. A method of producing a polypeptide having α -1,3-galactosyltransferase activity, comprising culturing the transformed microorganism of Claim 47.--

SUPPORT FOR THE AMENDMENTS

The amendments to Claims 36, 41, and 46 are supported by the Table at page 54 of the specification. No new matter is believed to have been added to this application by those amendments.

REMARKS

Claims 9-18, 20-22, 24-25, and 27-52 remain pending in this application.

The objection to the claims under 37 C.F.R. §1.75 is believed to be obviated by the amendment submitted above. Claims 19, 23, and 26 have been canceled.

The rejection of the claims under 35 U.S.C. §112, second paragraph, is believed to be obviated by the amendment to Claims 36 and 41 submitted above. Accordingly, withdrawal of this ground of rejection is respectfully requested.

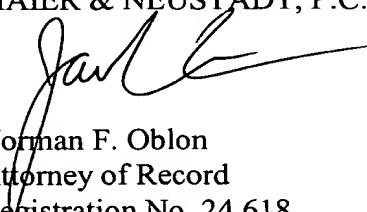
The rejection of the claims under 35 U.S.C. §102(a) over Larsen et al. is respectfully traversed. This reference is not available as prior art against the present application.

Applicants submit herewith an executed Declaration from John B. Lowe. As set forth in the Declaration, the other authors of the Larsen et al. publication did not make an inventive contribution to the subject matter claimed in the present application. Accordingly, Larsen et al. is not available as prior art against the present application. Withdrawal of this ground of rejection is respectfully requested.

Applicants submit that the present application is in condition for allowance. Early notice to this effect is earnestly solicited.

Respectfully submitted,

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IN THE CLAIMS

--Claims 19, 23, and 26 (Cancelled).

36. (Amended) The isolated DNA fragment of Claim 35, wherein the polypeptide comprises amino acid positions 43 to 394 [361] of SEQ ID NO: 4.

41. (Amended) The vector of Claim 40, wherein the polypeptide comprises amino acid positions 43 to 394 [361] of SEQ ID NO: 4.

46. (Amended) The transformed microorganism of Claim 45, wherein the polypeptide comprises amino acid positions 43 to 394 [361] of SEQ ID NO: 4.--